

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9595	pitch with parameter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 07:16
L2	16078	(diffraction diffract\$3) with limit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 10:08
L3	137	L1 and L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 07:04
L4	137	L3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 07:12
L5	182582	(photodiode photosens\$3 photodetect\$3 photorecept\$3 pixel receptor sens\$3 detect\$3 (photo adj3 (diode sens\$3 detect\$3 recept\$3))) with (pitch width (center with to with center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 12:35
L6	1847	2 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 07:18
L7	13027	(diffraction diffract\$3) near5 limit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 07:19
L8	1540	5 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 07:19

## EAST Search History

L9	1291	8 and imag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 07:21
L10	178	5 same 7 and imag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 07:22
L11	1752	(lens optic\$2) with (diffract\$3) with limit\$3 with (parameter spot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 08:42
L12	37	5 same 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 08:43
L13	3108	(diffract\$3) with limit\$3 with (parameter spot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 08:42
L14	69	5 same 13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 08:43
L15	32	14 not 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 09:33
L16	31	"5973844" "5198653".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 10:06

## EAST Search History

L17	24	("4750022"   "5051770"   "5559629"   "5666202"   "5843657"   "5859699"   "5876327"   "5972667"   "5973844"   "5985085"   "6005916"   "6008945"   "6088097"   "6100051"   "6124974"   "6128068"   "6157446"   "6159681"   "6184973"   "6195213"   "6208139"   "6211484"   "6215550"   "6512576").PN. OR ("6813008").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/11 09:40
L18	10682	(diffraction diffract\$3) adj5 limit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 10:08
L19	254219	(photodiode photosens\$3 photodetect\$3 photorecept\$3 pixel receptor sens\$3 detect\$3 (photo adj3 (diode sens\$3 detect\$3 recept\$3))) with (pitch width diameter (center with to with center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 10:10
L20	1264993	(pitch width diameter (center with to with center)) with (match\$3 equal\$3 "same" similar approximate\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 10:11
L21	1273	18 and 19 and 20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 10:11
L22	78	18 same 19 same 20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 11:31
L23	8	("3908078"   "4317036"   "4695721"   "5239170"   "5535052").PN. OR ("5805342").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/11 10:41

## EAST Search History

L24	8647	250/216,208.1,214r.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 11:31
L25	200	7 and 24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 12:11
L26	51	"5684611" "6403947" "5340988"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 12:11
L27	29	"5684611" "6403947" "5340988". pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 12:14
L28	2	"6664528".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 12:33
L29	8447	24 not 25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 12:34
L30	8209	((photodiode photosens\$3 photodetect\$3 photorecept\$3 pixel receptor sens\$3 detect\$3 (photo adj3 (diode sens\$3 detect\$3 recept\$3))) and (pitch diameter width (center with to with center)) and (match\$3 equal\$3 "same") and imag\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 12:38
L31	166	24 and 30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 12:38

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L32	76	((photodiode photosens\$3 photodetect\$3 photorecept\$3 pixel receptor sens\$3 detect\$3 (photo adj3 (diode sens\$3 detect\$3 recept\$3))) and 2 and (pitch diameter width (center with to with center)) and (match\$3 equal\$3 "same") and imag\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 12:39
L33	11	24 and 32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 12:39
S1	9583	pitch with parameter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 12:18
S2	16054	(diffraction diffract\$3) with limit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 12:19
S3	137	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 07:04
S4	2	"6964480".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 12:42